

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which one is not a ductile material	A. Lead B. Steel C. Copper D. Wrought Iron
2	If a charged body is moved against the electric field it will gain.	A. P.E. B. K.E. C. Mechanical energy D. Electrical potential energy
3	The background radiation to which we are exposed, on the average is.	A. 1 mSv per year B. 2 mSv per year C. 3 mSv per year D. 4 mSv per year
4	Self induction does not depend on	A. Number of turns of the coil B. Area of cross section of the core C. Nature of material of the core D. Current through inductor
5	1 amu is equal to	A. 1.0606×10^{-27} kg B. 1.66×10^{-31} kg C. 1.66×10^{-34} kg D. 1.66×10^{-19} kg
6	The working principle of transformer is.	A. Self induction B. Faraday's law C. Mutual induction D. Electromagnetic induction
7	During negative half cycle of A.c then p-n junction offers.	A. High resistance B. Low resistance C. No resistance D. All of these
8	Laser can be made by creating.	A. Meta stable B. Population inversion C. Excited state D. All of these
9	Magnetic induction can be measured in units of.	A. Tesla B. Gauss C. Weber/m ² D. All of the above
10	SI unit of electric flux is.	A. NmC ¹ B. Nm ⁻¹ C ¹ C. Nm ² C ⁻¹ D. Nm ³ C ²
11	The mass of beta particle is equal to the mass	A. Proton B. Neutron C. Electron D. Photon
12	The material whose resistivity becomes zero below a certain temperature	A. Conductors B. Semi conductors C. Super conductors D. Insulators
13	To convert a galvanometer into an ammeter, we connect with it a	A. Shunt resistance B. Low value parallel C. Low value by pass resistor D. All of above
14	Transistor was discovered by	A. Young B. Curie C. John Bardeen D. Shale's
15	The numerical value of Compton wavelength is equal to	A. 3.43×10^{-12} m B. 1.43×10^{-12} m C. 2.43×10^{-12} m D. 0.43×10^{-12} m

16	If the separation between the plates of a capacitor is doubled then its capacitance become.	A. Double B. Half C. One fourth D. Three times
17	Magnetic effect of current is used	A. To detect a current B. To measure a current C. In electric motor D. All of above
18	The negative of the potential gradient is	A. Electrostatic force B. Electromotive force C. Potential difference D. Electric field intensity
19	The line radiations emitted from by hydrogen filled discharge tube can be analyzed into.	A. Band spectrum B. Line spectrum C. Continuous spectrum D. Absorption spectrum
20	Recentaly a complex crystalline structure known as yttrium barium copper oxide ($\text{Yba}_2\text{Cu}_3\text{O}_3$) have reported to become super conductor at	A. 163 K B. 169 K C. 200 K D. 100 K